**Table S1**: Weather conditions for the day of lettuce head inoculation, and 1-9 d after lettuce head inoculation.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 h Period a | Days since Inoculation b | Temperature (°C) | | | Average Relative Humidity (%) | Average Wind Speed (kph) | Total Leaf Wetness (min) | Total Precipitation (mm) |
| Average | Maximum | Minimum |
| 8/15/15 | -2 | 21.38 | 26.89 | 15.06 | 81.23 | 3.14 | 0.00 | 0.00 |
| 8/16/15 | -1 | 22.65 | 29.67 | 16.17 | 79.69 | 2.14 | 53.00 | 0.00 |
| 8/17/15 | 0 | 23.66 | 30.28 | 17.83 | 78.69 | 3.01 | 25.00 | 0.00 |
| 8/18/15 | 1 | 23.48 | 30.83 | 19.33 | 82.25 | 4.35 | 157.00 | 0.00 |
| 8/19/15 | 2 | 24.80 | 28.94 | 21.94 | 76.65 | 8.34 | 25.00 | 0.51 |
| 8/20/15 | 3 | 20.81 | 26.78 | 13.28 | 88.41 | 6.48 | 371.00 | 7.11 |
| 8/21/15 | 4 | 15.93 | 22.22 | 9.39 | 80.23 | 4.30 | 393.00 | 0.00 |
| 8/22/15 | 5 | 16.08 | 22.94 | 10.94 | 85.80 | 1.91 | 378.00 | 0.00 |
| 8/23/15 | 6 | 18.64 | 25.56 | 12.33 | 78.04 | 3.36 | 122.00 | 0.00 |
| 8/24/15 | 7 | 18.54 | 24.94 | 13.00 | 83.80 | 3.34 | 317.00 | 0.00 |
| 8/25/15 | 8 | 17.23 | 22.94 | 11.00 | 77.89 | 4.07 | 70.00 | 0.00 |
| 8/26/15 | 9 | 16.60 | 20.06 | 13.11 | 83.73 | 3.05 | 216.00 | 0.00 |

a For this study this means 8:00 AM to 7:45 AM on the next day.

b The lettuce samples collected 10 d after inoculation, were harvested at 8:00 am on 8/27/15; no field data was collected after this time point.